

Application No. 10/594,044
Amdt. dated Sep. 18, 2008
Reply to Office Action of June 23, 2008
Attorney Docket No. 1217-062553

Amendments to the Specification:

Please replace the paragraph that begins at page 6, line 17, with the following amended paragraph:

-- The present inventor has inventors have formed a Schottky electrode made of molybdenum or tungsten and performed a heat treatment. As a result, the present inventor has inventors have achieved the present invention by finding that the height of a Schottky barrier can be controlled to be the desired optimum value (the range of 1.0 to 1.3 eV) that enables the power loss to be minimized while maintaining an n-factor to 1.05 or a lower value. --